

Delaware River Flow and Storage Data - September 2003 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Phila (CFS)	Potts (CFS)	Max Temp	^a Salt Front River Mile	BG	%CAP
										Degrees C Vincent Dam			
1-Sep	2,040	2,090	723	1,370	6.2	5,860	5,740	1,390	1,090	22.9	70	262.171	96.8%
2-Sep	2,480	10,700	1,090	1,930	6.2	5,740	6,960	3,290	2,540	21.5	70	263.842	97.4%
3-Sep	30,200	26,300	2,120	2,620	6.3	8,139	15,600	3,520	1,930	19.8	70	268.833	99.3%
4-Sep	18,600	28,500	2,060	2,900	8.8	36,100	33,700	3,480	2,240	20.1	70	272.342	100.6%
5-Sep	36,200	34,000	1,560	2,490	8.8	30,800	39,200	3,850	1,870	21.3	70	275.576	101.7%
6-Sep	21,800	21,300	1,300	2,000	8.7	40,400	38,400	2,390	1,450	21.7	70	275.538	101.7%
7-Sep	15,300	15,100	1,000	1,730	8.7	27,700	26,900	1,830	1,270	22.3	69	274.858	101.5%
8-Sep	11,600	11,800	829	1,550	8.6	20,700	20,200	1,600	1,170	22.1	69	274.085	101.2%
9-Sep	9,720	9,500	634	1,360	8.7	16,500	16,500	1,410	1,090	22.9	69	272.949	100.8%
10-Sep	7,990	7,810	616	1,230	8.6	14,400	13,800	1,280	989	22.2	69	271.798	100.4%
11-Sep	7,440	6,950	601	1,190	8.6	12,100	11,800	1,120	930	22.8	68	270.845	100.0%
12-Sep	6,040	5,880	589	1,160	8.4	11,300	10,800	1,030	904	21.5	68	270.068	99.7%
13-Sep	4,810	4,730	569	1,300	8.4	10,100	9,840	1,380	1,150	20.5	69	269.532	99.5%
14-Sep	4,510	4,170	640	1,430	8.3	10,000	9,710	2,870	1,600	22.2	69	269.014	99.3%
15-Sep	4,370	4,710	1,490	4,340	7.5	9,310	10,400	13,200	6,100	22.2	69	268.562	99.2%
16-Sep	12,600	12,500	4,070	8,960	7.4	22,500	20,900	18,300	5,370	21.1	69	269.123	99.4%
17-Sep	11,800	11,400	5,000	8,730	7.7	27,600	27,500	7,090	4,400	20.9	69	269.208	99.4%
18-Sep	9,160	8,960	2,840	5,160	7.9	24,800	23,500	5,210	3,360	20.4	69	268.980	99.3%
19-Sep	8,210	8,430	1,930	4,810	5.8	20,000	21,000	9,500	4,350	20.1	69	268.804	99.2%
20-Sep	8,270	8,170	2,130	4,420	4.4	19,000	19,200	6,030	3,110	20.7	68	268.823	99.3%
21-Sep	7,060	6,840	2,490	3,950	5.3	17,500	17,300	4,160	2,480	20.2	68	268.545	99.2%
22-Sep	5,790	5,790	2,540	3,850	5.1	15,900	15,600	3,460	2,140	20.2	68	268.197	99.0%
23-Sep	5,850	11,700	5,380	16,600		14,000	21,200	12,800	10,000		68	268.590	99.2%
24-Sep	29,600	26,200	5,810	15,300		49,800	51,100	17,500	12,100		68	272.481	100.6%
25-Sep	18,200	17,400	7,000	12,300		50,900	48,400	9,670	6,590		68	272.592	100.6%
26-Sep	13,800	13,600	5,670	10,500		38,200		7,020	5,230		67	272.354	100.6%
27-Sep	11,400	11,200	3,820	7,400		30,100		5,820	4,090		66	272.384	100.6%
28-Sep	10,500	12,100	3,590	8,120		31,500	29,300	6,400	4,270		66	273.580	101.0%
29-Sep	21,000	18,600	3,030	7,380		30,000	30,800	5,960	3,770		65	275.566	101.7%
30-Sep	16,200	15,300	2,210	5,750		32,000	33,200	4,440	2,900		62	275.153	101.6%
September Avg	12,418	12,724	2,444	5,061	7.5	22,765	22,448	5,567	3,349	21.3			
Normal		2,166	436	1,154			4,999	1,102	929		79		
% of Normal		587.5%	560.6%	438.6%			449.1%	505.1%	360.5%				

NYC 24-hr Reservoir Observations: September 30, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for September 30		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh		NYC Daily Storage (BG)=	275.153	101.6%
Neversink	0.00	35.080	100.4%	252	0	Beltzville	0	NYC Daily Storage Median (BG)=	179.031	66.1%
Pepacton	0.02	141.969	101.3%	0	0	^b F.E. Walter	0	BG Above NYC Daily Storage Median =	96.122	53.69%
Cannonsville	0.14	98.104	102.5%	0	0	Merrill Cr	0	BG Above Drought Watch =	164.283	
Rondout	0.00	48.557	97.9%	753	0	NYC Res.- Excess Bank	0	BG Above Drought Warning =	180.283	
						^c Lake Wallenpaupack	0	BG Above Drought =	204.283	
								BG Above One Year Ago =	138.101	
DAILY USABLE STORAGE 9/30/03										
								VOL. (BG)	^d %CAP	
						Blue Marsh		5.30	81.5	
						Beltzville		13.47	103.6	

Storage data provided by New York City Department of Environmental Protection, Bureau of Water Supply.
 Chloride data provided by U.S. Geological Survey and Kimberly Clark Corporation.
 Lower Basin reservoir storage data provided by Philadelphia District Corps of Engineers.
^a Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).
^b Releases from F.E. Walter are requested from the U.S. Army Corps of Engineers and are made from the reservoir's temporary drought storage.
^c Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.
^d Percent of usable storage available.
 BG=Billion Gallons; MG= Million Gallons; CFS=Cubic Feet per Second
 ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE

- NOTES:**
- The salt front river mile location will be updated as chloride data is received.
 - Both the minimum daily dissolved oxygen (DO) at the Delaware River at Easton and the maximum daily temperature for the Schuylkill River at Vincent Dam will be reported from 6/21 through 9/22.
 - Daily mean flow values for September 26-27 are currently unavailable for the Delaware River at Trenton, NJ.